PATENT COOPERATION TREATY

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 00000PCT7902	FOR FURTHER ACTION	See item 4 below
International application No. PCT/JP2005/009313	International filing date (day/month/year) 17 May 2005 (17.05.2005)	Priority date (day/month/year) 21 May 2004 (21.05.2004)
International Patent Classification (8th See relevant information in Form P		
Applicant SEMICONDUCTOR ENERGY LAE	BORATORY CO., LTD.	

1.	This international preliminary international Searching Author	report on patentability (Chapter I) is issued by the International Bureau on behalf of the rity under Rule 44 bis. 1(a).
2.	This REPORT consists of a tot	al of 4 sheets, including this cover sheet.
		rence to the written opinion of the International Searching Authority should be read as a reference report on patentability (Chapter I) instead.
3.	This report contains indications	s relating to the following items:
	Box No. I	Basis of the report
	Вох №. П	Priority
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
	Box No. IV	Lack of unity of invention
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
	Box No. VI	Certain documents cited
	Box No. VII	Certain defects in the international application
	Box No. VIII	Certain observations on the international application
4.	The International Bureau will onot, except where the applicant date (Rule 44bis .2).	communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but t makes an express request under Article 23(2), before the expiration of 30 months from the priority
		Date of issuance of this report
		21 November 2006 (21.11.2006)

Authorized officer

e-mail: pt07@wipo.int

Yoshiko Kuwahara

Facsimile No. +41 22 338 82 70 Form PCT/IB/373 (January 2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

INTERNATIONAL SEARCH REPORT

International application No. PCT/JP2005/009313

CLASSIFICATION OF SUBJECT MATTER

Int.Cl.7 H05B33/12, 33/14, 33/22

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl. H05B33/12, 33/14, 33/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model specifications of Japan 1996-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

ا م	Charles and the state of the state of		Relevant to claim No.
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
PY	US 2004-227460 A (EASTMAN Ko paragraph 30 & JP 2004-3426 & KR 2004-098552 A		1-15
PY	JP 2005-166637 A (Junji Kid Paragraph 6-7 & CN 1620212 US 2005098207 A1		1-15
. A	JP 2003-272860 A (Junji Kio CLAIMS 1-36 & CN 1447629 A 2003-189401 A1		1-15
A	JP 11-251067 A (Junji Kid CLAIMS 1-6 & CN 1236289 A & 411725 B & US 2001-046611	EP 0948063 A, & TW	1-15
☐ Furthe	r documents are listed in the continuation of Box C.	See patent family annex.	
"A" docume conside "E" earlier nationa docume is cited special "O" documemeans "P" docume	categories of cited documents: ant defining the general state of the art which is not ared to be of particular relevance application or patent but published on or after the inter- 1 filing date ent which may throw doubts on priority claim(s) or which to establish the publication date of another citation or other reason (as specified) ent referring to an oral disclosure, use, exhibition or other ent published prior to the international filing date but later e priority date claimed	"X" document of particular relevance; to be considered novel or cannot be inventive step when the document is document of particular relevance; to be considered to involve an inventive combined with one or more of combined to be presented to a personal step.	erlying the invention he claimed invention cannot considered to involve an taken alone he claimed invention cannot e step when the document is her such documents, such on skilled in the art
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report
	26.08.2005	1	3. 9. 2005
	nailing address of the ISA/JP Japan Patent Office	Authorized officer Tsutomu Kosugo	2V 9313
•	Daham ratetit Other	Telephone No. +81-3-3581-1101 I	

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY REC'D 1 5 SEP 2005

WIPO

SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

398, Hase, Atsugi-shi, Kanagawa 2430036 Japan

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing (day/month/year)

2005

Applicant's or agent's file reference 00000PCT7902

FOR FURTHER ACTION

See paragraph 2 below

International application No.

International filing date (day/month/year)

Priority date (day/month/year)

PCT/JP2005/009313

17.05.2005

21.05.2004

International Patent Classification (IPC) or both national classification and IPC

Int.Cl.7 H05B33/12, 33/14, 33/22

Applicant

SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

- This opinion contains indications relating to the following items:
 - Box No. I

Basis of the opinion

- Box No. II
- **Priority**
- Box No. III
- Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV
- Lack of unity of invention
- Box No. V
- Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
- citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII
- Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Date of completion of this opinion 26.08.2005 Name and mailing address of the ISA/JP Authorized officer 2V 9313 **Japan Patent Office** Kosugo Isutomu Telephone No. +81-3-3581-1101 Ext. 3271 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan

Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/009313

Bo	x No. I	Basis of the opinion				40	
1.	_	ard to the language, this c	-		sis of the internation	al application in the	language in
	Th	is opinion has been establic				age into the following ses of international s	
	Ri	ules 12.3 and 23.1(b)).	a to the image of				
2. ,		ard to any nucleotide and/ invention, this opinion has t			in the international	application and nec	essary to the
	a: type o	f material					
		a sequence listing					
	Г	table(s) related to the se	quence listing				
	b. forma	t of material	•				
	Γ.	in written format					
	. 「	in computer readable form	1			•	-
	c. time o	f filing/furnishing		<i>:</i>			
	Γ	contained in the internati	= =				
	Γ.	filed together with the in	ternational applicati	on in computer re	adable form.		
	Γ.	furnished subsequently to	this Authority for	the purposes of se	earch.		•
3.	fil	addition, in the case that a ed or furnished, the require the application as filed or	d statements that th	e information in t	he subsequent or ad	lditional copies is ide	ntical to that
4.	, Addition	al comments:	•				
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/009313

Statement			
Novelty (N)	Claims	1-15	YES
	Claims		NO
Inventive step (IS)	Claims	1-15	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-15	YES
	Claims.		NO
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escribes molybdenum	oxide as	nts cited in the international search some depends with electron accepting proper multi-light emitting OLED device.	
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